

Notice of Allowability**Application No.**

10/772,478

Applicant(s)

LINKERT ET AL.

Examiner

Jacob F. Bétit

Art Unit

2169

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment dated 8 October 2010 and the interview dated 21 October 2010.
2. ☒ The allowed claim(s) is/are 21, 24-26 and 30.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20101022.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Jacob F Bétit/
Primary Examiner, Art Unit 2169

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert Kelly on 21 October 2010.

The application has been amended as follows:

Please amend the paragraph beginning on page 1, line 6 of the specification as follows:

This application is a continuation of PCT International Application Number ~~This application claims the benefit of International Application No. PCT/CA03/00181, filed on February 6, 2003, designating the United States of America and published in the English language. the entire disclosure of which is incorporated herein by reference.~~

Please cancel claim 22 as follows:

22. (Cancelled)

Please cancel claim 29 as follows:

29. (Cancelled)

Please add claims 30 as follows:

30. (New) A computer program product comprising a non-transitory computer readable storage medium, said computer program product for synchronizing a plurality of extensible markup language (XML) databases on a network with a plurality of extensible markup language (XML) databases on a mobile node, the computer program product comprising:

computer readable program code embodied at the non-transitory computer readable storage medium and configured to create first hash information pursuant to a first technique, the first hash information being representative of values contained in the mobile node's plurality of databases;

computer readable program code embodied at the non-transitory computer readable storage medium and configured to communicate the first hash information to the network node;

computer readable program code embodied at the non-transitory computer readable storage medium and configured to receive at a request detector coupled to receiver circuitry of the mobile node a request from the network for second hash information when the network determines, based at least on the first hash information, that the plurality of databases on the network and the plurality of databases on the mobile node are out-of-match;

computer readable program code embodied at the non-transitory computer readable storage medium and configured to create the second hash information pursuant to a second technique;

wherein the first technique is less computationally-intensive than the second technique and the first hash information requires less communication channel capacity than the second hash information ; and

computer readable program code embodied at the non-transitory computer readable storage medium and configured to receive a fetch request, piggybacked with second data for the mobile node based upon a type of synchronization, when the second hash information is indicative of a change to data of which the second hash information is representative.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacob F. Bétit whose telephone number is (571)272-4075. The examiner can normally be reached on Monday through Friday 9:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tony Mahmoudi can be reached on (571) 272-4078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/Jacob F Bétit/
Primary Examiner, Art Unit 2169

jfb
22 Oct 2010